Statistical Sciences Group
Los Alamos National Laboratory
www.stat.lanl.gov

Ph.D. Statisticians

The Statistical Sciences Group at Los Alamos National Laboratory seeks excellent candidates for challenging careers in Statistics. Candidates must have or be near completion of a Ph.D. in Statistics or have an equivalent combination of education and experience; knowledge of multiple areas of statistical sciences; strong statistical computing skills; and interest in diverse application areas. Successful candidates have experience developing statistical methodology in multidisciplinary collaborations and proven statistical research ability as evidenced by journal publications, technical reports, and/or conference presentations. The group values good verbal and written communication skills for collaboration with scientists in other disciplines. Top-level security clearance or ability to obtain a top-level security clearance, which normally requires U.S. citizenship, is mandatory.

The Laboratory maintains an atmosphere of intellectual freedom and offers a competitive salary and strong benefits for retirement, vacation, and health coverage.

We anticipate opportunities at entry level and above. For further details and the most current information, go to http://www.stat.lanl.gov or contact statsearch@lanl.gov. Response prior to December 10, 2012 is strongly encouraged.

Pushing the Frontiers of Science

For more than six decades, Los Alamos National Laboratory has challenged the frontiers of science by creatively combining basic sciences with engineering and technical advances. As one of the country's largest national laboratories, the Laboratory is recognized as a world-class scientific and engineering institution. Operated for the Department of Energy, the Laboratory serves the nation by advancing science and technology to make the world a better and safer place.

The Statistical Sciences Group was formed in 1967 to provide the Laboratory with a center of expertise in statistics. The group consists of 22 statistical scientists plus supporting personnel, visiting faculty, graduate students, and postdoctoral fellows. The group currently has expertise in a range of methodologies including Bayesian methods, uncertainty quantification of computer models, design and analysis of experiments, Monte Carlo and computer-intensive methods, reliability, sample planning, spatial modeling, statistical computations, statistical graphics and visualization, and analysis of measurement systems.

Statisticians work in partnership with world-class scientists to develop and apply basic science and technology in areas such as computational science, materials science, physics, energy, geology, climate, astronomy, biology, and chemistry. In addition to questions of national security and nuclear safety and reliability, applications come from other government agencies and industrial partners. Supercomputing and simulation play a large and growing role in many of these disciplines and applications. The group's work involves development and application of statistical methodology to the scientific questions in these fields, often with a strong focus on computation. The group encourages members to publish and present their work to the wider statistical community.

Los Alamos Area

Los Alamos sits at 7300 feet on the colorful mesas that extend from the slopes of the Jemez Mountains. The town of about 18,000 people overlooks the Rio Grande Valley with further views of the Sangre de Cristo range, which forms the southern end of the Rocky Mountains. Los Alamos is a scenic 40-minute drive from the historic and cultural center of Santa Fe. The Los Alamos area boasts unparalleled access to outdoor activities such as skiing, fishing, mountain biking, and hiking.